

12035380 WYNOOCHEE LAKE NEAR GRIDDALE, WA

Washington Coastal Basin
Lower Chehalis Subbasin

LOCATION.--Lat 47°23'08", long 123°36'16" referenced to North American Datum of 1927, in NE ¼ NW ¼ sec.20, T.22 N., R.7 W., Grays Harbor County, WA, Hydrologic Unit 17100104, Olympic National Forest, in monolith No. 6, near center line axis of Wynoochee Dam on Wynoochee River, 2.0 mi north of Grisdale, at river mile 51.8.

DRAINAGE AREA.--41 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1972 to current year.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929 (levels by Corps of Engineers). Prior to May 22, 1973, staff gage on upstream face of dam.

COOPERATION.--Daily elevations at 2400 hours, and capacity table furnished by Corps of Engineers, and by Tacoma Public Utilities.

REMARKS.--Reservoir is formed by concrete gravity-type dam with gate-type spillway. Construction began in 1969 and was completed in 1972. Usable capacity, 67,288 acre-ft between elevation 690 ft, sluice invert level, and 800 ft, full pool elevation at 69,405 acre-ft. Dead storage 2,117 acre-ft below elevation 690 ft. Figures given herein represent total contents. Water is used for power generation, flood control, water supply, and recreation. Tacoma Public Utilities satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents observed, 70,087 acre-ft, July 13, 1983, elevation, 800.60 ft; minimum contents observed, 4,227 acre-ft, Oct. 19, 1992, elevation, 701.04 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 69,405 acre-ft, June 8, elevation, 800.00 ft; minimum contents, 33,852 acre-ft, Dec. 19, elevation, 761.86 ft.

MONTH-END ELEVATION AND CONTENTS AT 2400			
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006			
Date	Elevation (feet)	Contents (acre-feet)	Change in contents (acre-feet)
September 30	775.05	44,526	--
October 31	770.02	40,282	-4,244
November 30	767.27	38,057	-2,225
December 31	775.48	44,900	+6,843
Calendar Year 2005	--	--	+5,222
January 31	767.46	38,209	-6,691
February 28	767.93	38,586	+377
March 31	770.83	40,950	+2,364
April 30	784.15	52,857	+11,907
May 31	796.20	65,203	+12,346
June 30	799.43	68,766	+3,563
July 31	793.51	62,316	-6,450
August 31	784.22	52,924	-9,392
September 30	774.36	43,930	-8,994
Water Year 2006	--	--	-596